

DRILL HOLES

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BORDER REV. DATE: June 11, 2004

NOTE: MD 117 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

MD 117
(W. DIAMOND AVE)EXISTING
TELEPHONE
PEDESTALEXISTING
FIBER OPTIC
JUNCTION BOXGRASS
MEDIAN
BUREAU
DRIVEEXISTING MEDIAN NOSE TO BE CUT BACK
30' AS DETAILED ON SHEET 1 OF 3.

MONOLITHIC MEDIAN

BEGIN RAMP
AT STORM DRAIN
STRUCTUREGRASS
MACADAM SHARED
USE PATH

GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB

EXISTING SIDEWALK / CURB

PROPOSED SIDEWALK / ADA RAMP / CURB

NOTE:
SIDEWALK JOINTS ARE APPROXIMATE

APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60" x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2 and the NCHRP publication, "Accessible Pedestrian Signals: Guide to Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office of Traffic and Safety.
5. APS will function as follows:
TO CROSS BUREAU DRIVE
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Bureau at West Diamond wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.TO CROSS WEST DIAMOND AVENUE
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross West Diamond at Bureau and N.I.S.T. wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- E. TIE NEW CURB TO EXISTING CURB AT JOINT.
- F. INSTALL STANDARD TYPE "A" CURB.
- G. INSTALL CUT THROUGH MEDIAN OPENING (STANDARD NO. MD 655.21).
- H. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). (NOTE: 6" CURB HEIGHT)
- J. REMOVE RAMP AND BACKFILL AS NECESSARY.
- K. INSTALL SIDEWALK SECTION BETWEEN RAMPED AREA AND EXISTING MACADAM SHARED USE PATH.

MD 117 (W. DIAMOND AVE)

TOD NO: XX357-15
SHA NO: MO255A56/K56
MD 117 @ Bureau Drive

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

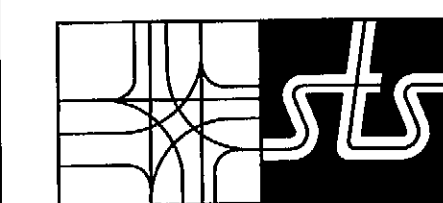
MD 117 (WEST DIAMOND AVE) AND
BUREAU DRIVE / NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY ENTRANCE
GAITHERSBURG, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1"= 10' DATE 10/7/10 CONTRACT NO. XX3545168R

DESIGNED BY J.W.A.	COUNTY MONTGOMERY
DRAWN BY D.N./R.C.	LOGMILE 15011711.45
CHECKED BY [Signature]	TMS NO. J697
F.A.P. NO.	TOD NO.

TS NO. 2029F DRAWING NO. 2 OF 3 SHEET NO. OF



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